Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 08 May 2023 until 23:59 on Tuesday 09 May 2023

Forecast Issued on Monday 08 May 2023 at 03:03

Confidence: High confidence for a wet morning, confidence lowers somewhat into the day.

Headline for Monday 08 May 2023: Rain at first, turning more showery into the afternoon and evening. Breezy at height.

Mountain weather hazards on Monday 08 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Heavy rain showers	Partly cloudy (night)
Precipitation probability					
60%	90%	90%	60%	40%	20%

Forecast for Monday 08 May 2023

Weather: Largely dry and mostly cloudy overnight, before a band of rain, locally heavy, moves eastwards during Monday morning. Rain likely becoming lighter and patchier into the afternoon with perhaps some brighter spells, but the risk of rain persists into the afternoon and evening with the odd rumble of thunder possible.

Chance of cloud-free hill tops above 600m: 60% reducing to 30%.

Low cloud and visibility: Moderate visibility will become poor to very poor at times in rain as extensive cloud lowers to 300-400m during the morning. Cloud perhaps breaking a little by the afternoon, mainly in the west of the range, lifting to 500-600m at times with visibility improving somewhat in any brightness. The risk of further rain into the afternoon and evening seeing conditions lower once again however.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 08 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 SW	19/27 S	19/25 SW	18/24 SW	18/25 SW	16/23 SW	14/20 SW
300	14/21 S	14/21 S	13/19 S	14/21 S	14/22 SW	10/17 SW	11/17 SW
Valley	7/19 S	8/19 S	10/19 S	9/19 S	9/20 SW	7/18 SW	6/15 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/5	10/7	11/8	12/8	10/7	9/6
300	11/8	11/8	12/10	13/11	14/12	12/10	11/9
Valley	11/10	11/10	13/11	14/12	14/13	12/11	11/10
Freezing Level*	2700m	2600m	2700m	2600m	2300m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Persistent low cloud and rain reduce visibility and making navigation difficult at height during the morning. Care should be if heading out on the hills later in the day as the forecast is lower confidence, with the potential for more persistent rain and the risk of isolated thunder and lightning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 08 May 2023	0.2mm	2.4mm	6mm

Forecast for Tuesday 09 May 2023

Weather: Low cloud with outbreaks of rain and drizzle overnight will gradually clear during Tuesday morning. Brightening up by late-morning and into the afternoon. However, the clouds will soon begin to bubble up to give a mixture of sunny spells and scattered showers in the afternoon, these are likely to be heavy and possibly thundery at times, with the risk of hail.

Maximum wind: Westerly 10-15mph, with occasional gusts 20-25mph.

Chance of cloud-free hill tops above 600m: 30% at first, improving to 90%, briefly reducing in heavy showers in the afternoon.

Low cloud and visibility: The visibility will be locally poor to start with occasional cloud down to locally 200-400m. Conditions improving through the morning as cloud lifts and breaks above summits to give good visibility outside of any afternoon showers

Temperature: **Valleys:** Plus 10 Celsius, becoming Plus 15 Celsius.
At 600m: Plus 9 Celsius, becoming Plus 12 Celsius.
Freezing level: Above the summits.

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